

Amendments to the Claims

1. (Currently amended) A method for hygienically preparing dried peppers by continuous sterilization and drying processes, comprising:
 - screening fresh peppers, removing the stems of the peppers, and aging the peppers;
 - washing the peppers to remove foreign materials and pesticide residue from the surfaces of the peppers;
 - ~~optionally sterilizing the surfaces of the washed peppers using a chemical sterilant solution using a 0.1-0.5% sodium dichloroisocyanurate solution for at least 1 minute;~~
 - cutting and separating seeds from the washed or sterilized peppers;
 - sterilizing the cut peppers using a chemical sterilant solution and/or high-temperature and high-pressure steam;
 - drying the sterilized peppers by hot air or freeze-drying; and
 - grinding the dried peppers into a product.
2. (Original) The method of claim 1, before or after aging, after cutting and separating the seeds from the peppers, or after hot air drying, further comprising deep-freezing and storing the peppers.
3. (Original) The method of claim 2, wherein deep-freezing and storing the peppers is performed at a temperature of -25 to -40°C for at least 24 hours.

Appl. No. 09/893,973
Amdt. dated Sept. 5, 2003
Reply to Office Action of June 5, 2003

4. (Canceled)

5. (Canceled)

6. (Original) The method of claim 1, wherein sterilizing the peppers using the high-temperature and high-pressure steam is performed at a temperature of 90-120°C for 1-10 minutes.

7. (Original) The method of claim 1, wherein, when sterilizing the peppers is sequentially performed using the chemical sterilant solution and the high-temperature and high-pressure steam, sterilization using the chemical sterilant solution is performed using a 0.1-0.5% sodium dichloroisocyanurate solution for 5-20 minutes and sterilization using the high-temperature and high-pressure steam is performed at a temperature of 90-120°C for 2-10 minutes.

8. (Original) The method of claim 1, between sterilization using the chemical sterilant solution and sterilization using the high-temperature and high-pressure steam, further comprising mixing the sterilized peppers with a sugar solution.

9. (Original) The method of claim 8, wherein the sugar solution comprises 30-60% by weight of trehalose, 10-40% by weight of dextrin, and 10-40% by weight of purified water, and the sugar solution is added in an amount of 1-10 kg per 20 kg peppers.

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10. (Original) The method of claim 1, wherein drying the sterilized peppers by hot air comprises a first drying performed at a temperature of 90-110°C and a second drying performed at a temperature of 60-95°C.

11. (Original) The method of claim 1, wherein drying the sterilized peppers by freeze-drying is performed at a temperature of 45-70°C for 18-23 hours in a freeze dryer after deep-freezing the sterilized peppers.

12. (Original) The method of claim 1, further comprising:
detecting and separating foreign materials from the dried peppers using a laser before grinding the dried peppers; and
separating iron particles from the peppers after grinding the dried peppers.

13. (Withdrawn) An apparatus for hygienically preparing dried peppers by continuous sterilization and drying processes, comprising:
an aging room for screening fresh peppers and aging screened peppers to enhance flavor and color of the peppers;
a washer for washing foreign materials and pesticide residue from the surfaces of the peppers with water;
an optional chemical sterilizer for sterilizing the surfaces of the washed peppers;
a cutter for cutting the washed or sterilized peppers into pieces of a uniform size;
a seed separator for separating seeds from the cut peppers;

a chemical sterilizer and/or a high-temperature and high-pressure steam sterilizer for sterilizing microorganisms existing on the surfaces of and within the peppers;

first and second hot air dryers or a freeze dryer for drying the sterilized peppers; and

a grinder for grinding the dried peppers into a final product,

wherein each unit of the apparatus is connected by a conveyor.

14. (Withdrawn) The apparatus of claim 13, further comprising a deep-freeze reservoir for storing the fresh peppers, aged peppers, cut peppers, or peppers dried by the first dryer.

15. (Withdrawn) The apparatus of claim 13, further comprising:

a laser foreign material detector and separator for detecting and separating foreign materials from the dried peppers before grinding by the grinder;

an iron particle separator for separating iron particles from the peppers after grinding by the grinder; and

a wrapper.

16. (New) A method for hygienically preparing dried peppers by continuous sterilization and drying processes, comprising:

screening fresh peppers, removing the stems of the peppers, and aging the peppers;

washing the peppers to remove foreign materials and pesticide residue from the surfaces of the peppers;

sterilizing the surfaces of the washed peppers using a 0.1-0.5% sodium

dichloroisocyanurate solution for at least 30 seconds;
cutting and separating seeds from the washed or sterilized peppers;
sterilizing the cut peppers using a chemical sterilant solution and/or high-temperature
and high-pressure steam;
drying the sterilized peppers by hot air or freeze-drying; and
grinding the dried peppers into a product.

17. (New) A method for hygienically preparing dried peppers by continuous sterilization and drying processes, comprising:
screening fresh peppers, removing the stems of the peppers, and aging the peppers;
washing the peppers to remove foreign materials and pesticide residue from the
surfaces of the peppers;
optionally sterilizing the surfaces of the washed peppers using a chemical sterilant
solution;
cutting and separating seeds from the washed or sterilized peppers;
sterilizing the cut peppers using a 0.1-0.5% sodium dichloroisocyanurate chemical
sterilant solution for 5-20 minutes and high-temperature and high-pressure steam at a
temperature of 90-120°C for 2-10 minutes;
drying the sterilized peppers by hot air or freeze-drying; and
grinding the dried peppers into a product.

18. (New) A method for hygienically preparing dried peppers by continuous sterilization and

drying processes, comprising:

screening fresh peppers, removing the stems of the peppers, and aging the peppers;

washing the peppers to remove foreign materials and pesticide residue from the surfaces of the peppers;

optionally sterilizing the surfaces of the washed peppers using a chemical sterilant solution;

cutting and separating seeds from the washed or sterilized peppers;

sterilizing the cut peppers using a chemical sterilant solution;

mixing the sterilized peppers with a sugar solution, wherein the sugar solution comprises 30-60% by weight of trehalose, 10-40% by weight of dextrin, and 10-40% by weight of purified water, and wherein the sugar solution is added in an amount of 1-10 kg per 20 kg peppers;

further sterilizing the cut peppers using high-temperature and high-pressure steam;

drying the sterilized peppers by hot air or freeze-drying; and

grinding the dried peppers into a product.